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Attorney Docket No. M2010-7128

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David P. Prince
Serial No.: 10/784,118
Filed: February 20, 2004
For: SYSTEMS AND METHODS FOR DETECTING DEFECTS
IN PRINTED SOLDER PASTE
Examiner: Not Yet Assigned
Art Unit: 2621
Confirmation No.: 5274

CERTIFICATE OF MAILING UNDER 37 CFR §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 17th day of September, 2004.

Keith F. Noe
Keith F. Noe, Esq. (Reg. No. 34,686)

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

Applicant: David P. Prince
U.S.S.N.: 10/784,118

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

Applicant: David P. Prince
U.S.S.N.: 10/784,118

An early and favorable action is hereby requested.

Respectfully submitted,

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Dated: September 17, 2004
Attorney Docket No.: M2010-7128

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| FORM PTO-1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT | APPLICATION NO.: 10/784,118 | ATTY. DOCKET NO.: M2010-7128 |
| | FILING DATE: February 20, 2004 | CONFIRMATION NO.: 5274 |
| | APPLICANT: David P. Prince | |
| | GROUP ART UNIT: 2621 | EXAMINER: Not Yet Assigned |



| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|----------|----------------------|-----------|---|--|
| Examiner's Initials | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication or of issue of Cited Document MM-DD-YYYY |
| | | Number | Kind Code | | |
| | A1 | *Re. 34,615 | | Freeman | 05/24/1994 |
| | A2 | *5,060,063 | | Freeman | 10/22/1991 |
| | A3 | *5,172,420 | | Ray et al. | 12/15/1992 |
| | A4 | *5,455,870 | | Sepai et al. | 10/03/1995 |
| | A5 | *5,801,965 | | Takagi et al. | 09/01/1998 |
| | A6 | *5,873,939 | | Doyle et al. | 02/23/1999 |
| | A7 | *6,324,973 | B2 | Rossmeisl et al. | 12/04/2001 |
| | A8 | *6,362,877 | B1 | Kobayashi et al. | 03/26/2002 |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----------|-------------------------|-----------|-----------|--|---|-------------------|
| Examiner's Initials | Cite No. | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document (not necessary) | Date of Publication of Cited Document MM-DD-YYYY | Translation (Y/N) |
| | | Office/ Country | Number | Kind Code | | | |
| | B1 | *GB | 2 286 670 | A | Jenoptik Technologie GmbH | 08/23/1995 | Y |
| | B2 | *WO | 95/16247 | | The Royal Holloway and Bedford New College | 06/15/1995 | Y |
| | B3 | *WO | 98/37741 | | MPM Corporation | 08/27/1998 | Y |

| OTHER ART — NON PATENT LITERATURE DOCUMENTS | | | | | Translation (Y/N) | |
|---|----------|---|--|--|-------------------|---|
| Examiner's Initials | Cite No. | Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published. | | | | |
| | C1 | *Ritter et al., "Handbook of Computer Vision Algorithms in Image Algebra," CRC Press, Inc., Boca Raton, FL (1996), Ch. 2, 3, 4 and 5 (pp. 51-172). | | | | Y |
| | C2 | *Russ, John C., "The Image Processing Handbook," 2 nd Edition, CRC Press, Inc., Boca Raton, FL (1995), pp. 155-160, 211-237, 259-262, 361-371, 416-431, 481-545. | | | | Y |
| | C3 | *Cognex Press Release, "Cognex Introduces New Machine Vision System for Detecting Screen Printing Defects on Printed Circuit Boards," (2 pgs.); http://www.cognex.com/press/release/products/pasteinspect.htm . | | | | Y |
| | C4 | *International Search Report for PCT/US00/12121 mailed September 1, 2000. | | | | Y |
| | C5 | Brochure, DEK Printing Machines Ltd., "DEK 265GSx Engineering Specification," Issue 01, 10 January 1996, pp. 2-39. | | | | Y |
| | C6 | DEK, "2D Inspection Manual," Issue 2, June 1996, pp. 3-38. | | | | Y |
| EXAMINER | | | | | DATE CONSIDERED | |

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 10/734,395, filed 12/12/2003, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]



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MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Transmitted herewith are the following documents in connection with the above-identified patent application:

- [X] Information Disclosure Statement (3 pgs.);
- [X] PTO Form 1449 (in duplicate - 1 pg.);
- [X] References Cited (C5-C6); and
- [X] Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

The Commissioner is hereby authorized to charge any deficiencies or overpayment to Deposit Account No. 50/2762, Ref. No. M2010-7128. A duplicate copy of this transmittal is enclosed.

Respectfully submitted,

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Dated: September 17, 2004
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